रजिस्ट्री सं० डी—(डी एन)—73

REGISTERED NO. D—(DN)—73

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

1.8.83

सं० 22] नई दिल्ली, शनिवार, मई 28, 1983 (ज्येष्ठ 7, 1905)

No. 22] NEW DELHI, SATURDAY, MAY 28, 1983 (JYAISTHA 7, 1905)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 28th May, 1983

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West),
Bombay-400013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Harvana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Patent Office Branch,
61, Wallaiah Road,
Madras-600 002.

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karanataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Patent Office, (Head Office),
214, Acharya Jagadis Bose Road,
Calcutta-700 017.

Telegraphic address "PATENTS".

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700017.

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

21st April 1983

463/Cal/83. Biman Kumar Pathak. Energy saving and retrieving brake device. [Divisional date November 2, 1979].

464/Cal/83. Biman Kumar Pathak. Device for braking rotary shafts, axles and the like and retrieving the braking energy. [Divisional date November 2, 1979].

465/Cal/83. Societe des Produits Nestle S.A. A process and a fermenter for the production of alcohol.

466/Cal/83. V M E I "LENIN". A multimicroprocessor system.

467/Cal/83. Stauffer Chemical Company. A process for producing lepidoptericidal isothiourea compounds. [Divisional date March 19, 1980].

468/Cal/83. Atanu Dutta Process for preparing a novel curry paste.

469/Cal/83. Jnanamay Choudhuri. New Steno.

470 Cal/83. Siemens Aktiengesellschaft. A contract arrangement.

471 Cal/83. Jecheskel Davidovitch. Improvements in driving mechanism for vehicles propelled by human muscle power.

22nd April 1983

472 Cal 83. Clinch River Corporation. Vibrating screening apparatus.

473/Cal/83. Energy Conversion Devices, Inc. Hydrogen storage materials and method of making same.

474 Cal/83 Energy Conversion Devices, Inc. New Thermoelectric systems and devices.

475/Cal/83. Energy Conversion Devices, Inc. Improved wide band gap p amorphous silicon alloys with oxygen and devices utilizing same.

476/Cal/83. Energy Conversion Devices, Inc. Improved rechargeable battery and electrode used therein.

477/Cal/83. Energy Conversion Devices, Inc. Improved thermoelectric device and method of making same.

478/Cal/83 Energy Conversion Devices, Inc. Magnetic gas gate.

479/Cal/83 Energy Conversion Devices, Inc. Thermoelectric systems incorporating rectangular heat pipes.

480/Cal/83. Energy Conversion Devices, Inc. Improved method and apparatus for manufacturing thermoelectric devices.

481/Cal/83. Swaroop Chandra Bhanj Deo. Novel Wire mesh or net and a process of manufacturing the same.

482/Cal/83 Stuart Surridge & Company Limited. Cricket Bat.

483 Cal/83 National Aeronautics and space administration Prosthetic occlusive device for an internal passageway.

484/Cal/83 Fisher Controls International, Inc. Positioner having user-adjustable dynamic response.

486/Cal/83. Ruckau-Walther Aktiengesellschaft. Transport Device.

487/Cal/83. Fried Krupp Gesellschaft Mit Beschrankte. Haftung. Tool for working the ground.

488/Cal/83 Federal-Mogul Corporation. Improvements in a fluid actuated clutch assembly.

23rd April 1983

489/Cal/83. Stamicarbon B. V. Process for preparing cyclohexanol and cyclohexanone.

490/Cal/83. Mr Albert Pflaver. Method for forming a multiple-layer, self-supporting envelope structure, particularly a bot hull.

491/Cal 83 The Plessey Company plc.. Digital switching network for telecommunications exchange.

492/Cal/83 Esbi Transmissions private limited. Fexible coupling

26th April 1983

493/Cal/83. David Gozal. Method for floculating microscopic particles in suspension in a liquid and application to the collection of phytoplankton microalgae and zooplankton and for the purification of used water.

494/Cal/83. International Standard Electric Corporation. A digital supervisory circuit for a telephone system.

495/Cal/83. BBC Brown, Boveri & Company, Limited. Exhaust gas turbocharger with adjustable slide ring.

496/Cal/83. Raychem Corporation. Method, apparatus and articles for optical fiber systems. (April 26, 1982-.

497/Cal/83. Minnesota Mining and Manufacturing Company. Process for the preparation of substituted-4-alkylthioalkanesulfonanilides and derivatives. [Divisional date January 28, 1980].

498/Cal/83. Minnesota Mining and Manufactuaing Company. Process for the preparation of substituted-4-alkylthioalkanesulfonanilides and derivatives. [Divisional dated January 28, 1980].

499/Cal/83. Minnesota Mining and Manufactuaing Company. Process for the preparation of substituted-4-alkylthioalkanesulfonanilides and derivatives. [Divisional dated January 28, 1980].

500/Cal/83. Seal Societe De Conditionements En Aluminium. Method of making products of alumnium alloy suitable for drawing.

501/Cal/83. Combustion engineering, Inc. Tilt drive apparatus.

502/Cal/83. Combustion Engineering Inc. Submerged Scraper Conveyor Furnace Transition Piece.

503/Cal/83. Gnb Batteries Inc. Means for welding intercell Connections.

504/Cal/83. General Electric Company. A mixer for use in a microwave system.

27th April 1983

505/Cal/83. Cornelis Tadema. Method for building houses and utility buildings.

506/Cal/83. Chevron Research Company. Hydrocarbon Cracking for Middle Distillate and Lpg.

507/Cal/83. Interox Chemicals Limited. Hydrogen Peroxide Compositions. (April 27, 1982).

508/Cal/83. Westinghouse Electric Corporation. Non-Plugging, Pressure equalized tube sheet for gasification system heat exchanger.

509/Cal/83. Westinghouse Electric Corporation. High temperature cyclone separator for gasification system.

510/Cal/83. Westinghouse Electric Corporation. Nitric acid modified low temperature phosphate coating for electrical steel.

511/Cal/83. Westinghouse Electric Corporation. Controlling the residual charge on a thyristor-switched capacitor.

512/Cal/83. Oronzio De Nora Impianti Elettrochimici S p A. A product.

513/Cal/83. Anatoly Dmitrievich Ignatenko Jury Ivanovich Kuzovlev and Jury Veniaminovich Chernikhov. Thyristor Logical Nor Element.

514/Cal/83 Franz Plasser Bahnbaumaschinen-Industriegesellschaft M.B.H. A travelling track tamping, levelling and lining machine comprising a chassis mounted on undercarriages spaced apart from one another.

515/Cal/83. Franz Plasser Bahnbaumaschinen-Industriegesellschaft M.B.H. Travelling track tamping machine with two pivotally interconnected undercarriage-frames.

516/Cal/83. Franz Plasser Bahnbaumaschinen-Industriegesellschaft M.B.H. A tool arrangement for tamping, levelling and laterally aligning a railway track.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any persons interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 107K. 151571.

Int. Cl : F02m 49/02.

FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINES.

Applicants : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, WEST GERMANY.

Inventor : DR. -ING. ECKART MULLER.

Application No. 335/Cal/79 filed April 4, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Fuel injector for internal combustion engines having a nozzle needle supported axially slidably in a nozzle body and capable of being lifted off its valve seat by the pressure of the fuel, said nozzle needle registering in a centrally arranged hole below its valve seat with a throttling pintle at least during part of the lift characterized in that the throttling pintle (4) is formed with at least one control edge (5) or flattening (8) which is shaped in a manner that the fuel spray direction (10, 11) or the fuel spray characteristic series as the nozzle needle lift is varied.

Comp. Specn. 9 pages. Drg. 2 sheets.

CLASS : 40B. 151572.

Int. Cl. B01j 11/78.

PROCESS FOR POLYMERIZING 1-OLEFINS.

Applicants : HOECHST AKTIENGSELLSCHAFT OF D-6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : KURT RUST, LUDWIG BRINKMANN, & PAUL LUTZ.

Application No. 672/Cal/79 filed July 2, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Process for polymerizing 1-olefins of the formula $CH_2=CH-R^4$ in which R^4 denotes alkyl having from 1 to 8 carbon atoms, or mixtures of said 1-olefins with one another or with ethylene in an amount of from 0.4 to 6% by weight, or for block-polymerizing and 1-olefins with one another or with up to 35% by weight of ethylene, using a mixed catalyst obtained by contacting a transition metal halide with a magnesium halide complex and mixing the reaction product (component A) with a halogen-free organo-aluminium compound (component B) and a stereoregulator (component C), which comprises carrying out the polymerization in the presence of the said mixed catalyst the component A of which is prepared by the reduction of titanium tetrachloride by an organic compound of a metal of main group I, II or III of the Periodic Table of the elements in an inert diluent at a temperature of from —50° of +80°C and contacting the titanium trichloride containing reduction product with a magnesium halide complex and the magnesium halide complex is obtained by reacting a magnesium halide with an electron donor selected from the group consisting of benzoic acid ethyl ester, benzoic acid methyl ester, p-toluic acid ethyl ester p-toluic acid methyl ester, anisic acid ethyl ester, anisic acid methyl ester, cycloheptatriene-1, 3, 5 and cyclooctatraene, and the said component A is mixed with a halogen-free organo-aluminum compound and a stereoregulator selected from the group consisting of cyclopolyenes, phosphinic acid esters, hexamethyl-phosphoric acid trisamidt, 1, 2-dimethoxybenzene and aromatic carboxylic acid esters with the provision that said halogen-free organo-aluminium compound and stereoregulator are substantially unreached with one another.

Comp. Spec. 28 pages. Drg. Nil.

CLASS : 128K & G. 151573.

Int. Cl : A61b 17/11.

ANASTOMOTIC COUPLING DEVICE.

Applicants : ETHICON INC. LOCATED ON ROUTE 22 IN SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : ROBERT WILLIAM MERICLE.

Application No. 989/Cal/79 filed September 21, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A three-piece anastomotic coupling device for end-to-end anastomosis of tubular members comprising two adaptors and a connector, each of said adaptors comprising a cylinder having an axial bore therethrough sized to receive one tubular member with the end of said member everted over the end of said adaptor,

said connector comprising a cylinder having an axial bore therethrough sized to receive each of said adaptors and the tubular member everted thereover in opposing ends of said cylinder with the everted ends of the tubular members in abutting contact within said cylinder, and

means for interlocking said adaptors and said connector to maintain the everted ends of the tubular members in contact.

Comp. Specn. 11 pages. Drgs. 2 sheets.

CLASS : $32F_3b$ 151574

Int. Cl : C07d 41/08.

A PROCESS FOR THE PREPARATION OF PYRIMIDO-2-BENZAZEPINES.

Applicants : F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, 124-184 GRENZACHERSTRASSE, BASLE, SWITZERLAND.

Inventors : RODNEY IAN FRYER, NORMAN WASHBURN GILMAN EUGENE JOHN TRYBULSKI AND ARMIN WALSER.

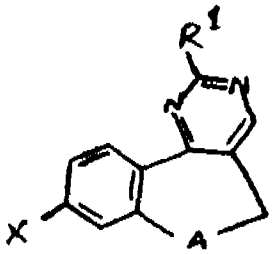
Application No. 138/Cal/80 filed February 6, 1980.

Complete Specn. left January 24, 1981.

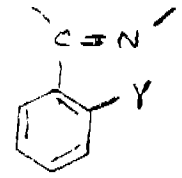
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

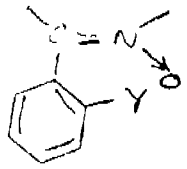
14 Claims.

A process for the preparation of pyrimido-2-benzazepines of the general formula shown in Fig. 1 of the accompanying drawings,

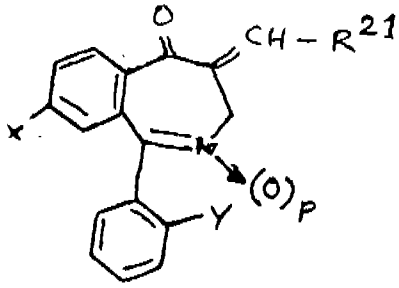


wherein A is one of the groups shown in Figs 2 and 3 of the drawings,

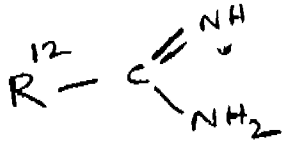




R^1 is hydrogen, lower alkyl, the group NR^8R^9, mercapto or lower alkyl mercapto,
X is hydrogen, halogen, trifluoromethyl, ethyl, α-hydroxy ethyl or acetyl,
Y is hydrogen or halogen, and
R^8 and R^9 each are hydrogen or lower alkyl, and pharmaceutically acceptable acid addition salts thereof, which process comprises: reacting a compound of the general formula shown in Fig. 4 of the drawings



wherein X and Y are as above, p. is 0 or 1 and R^{21} represents di-lower alkyl, amino, with a compound of the general formula shown in Fig. 5 of the drawings,



wherein R^{12} is hydrogen, mercapto, lower alkyl mercapto, lower alkyl or NR^8R^9 wherein R^8R^9 are as above, and, if desired,

converting the compound of formula shown in Fig. 1 into a pharmaceutically acceptable acid addition salt.

Comp. Specn. 30 pages. Drgs. 2 sheets.

Prov. Specn. 82 pages.

CLASS : 157D. 151575

Int. Cl : E01 29/00, 37/00.

IMPROVEMENTS IN OR RELATING TO TRAVELLING ON-TRACK MACHINE.

Applicants : FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M. B. H., JOHANNESGASSE 3, VIENNA 1, AUSTRIA.

Inventor : ING. JOSEF THEURER.

Application No. 540/Cal/80 filed May 7, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A travelling on-track machine for smoothing out, particularly planning down, irregularities, such as ridges, laps, in the rail head surface of at least one rail of a laid track, comprising at least one tool carriage which is pivotally connected to the machine frame and which is mounted for vertical adjustment and for application to the rail head surface, being vertically and laterally guided on the rail head and comprising a tool support with a tool holder for accommodating in particular a planning tool and/or a grinding tool, and further comprising drives, more particularly hydraulic cylinder-and piston drives, for the feed adjustment of the tool carriage(s) and for the vertical adjustment and guided application thereof, characterised in that the tool carriage, which is equipped with a number of vertical guide rollers for application to the upper surface of the rail head and which is provided with the tool support arranged between these vertical guide rollers, comprises at least one lateral guide roller, designed for firm guided application to an unworn region of the inside and/or outside of the rail head.

Comp. Specn. 22 pages. Drgs. 2 sheets.

CLASS 53C. 151576.

Int. Cl. B26m 25/02.

DERAILLEUR MECHANISM.

Applicants : FICHTEL & SACHS AG, OF ERNST-SACHS-STR. 62, D-8720 SCHWEINFURT, WEST GERMANY.

Inventors BERNDT LEITER, JOSEF KELLER, KURT SCHULLER AND EWALD EISEND.

Application No. 820/Cal/80 filed July 17, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A derailleur mechanism on a bicycle or the like, comprising a set (12), which is concentrically connected to a wheel (11) to be driven, of sprocket wheels (12a-12C), which lie side by side in the axial direction of the wheel and have a varying number of sprockets, and comprising a chain idler wheel (17), and wherein this chain idler wheel (17) is rotatably mounted, with an axis of rotation that is substantially parallel to the wheel axle (10), on a movable carrier (21), and wherein this movable carrier (21) is movably guided by a guide system (22) on a frame-fixed carrier (23) along a movement path that is substantially parallel to the wheel axle, and wherein there engages in the guide system (22) a shifting device having transmission means (27) which originate from a shifter (30) so as to set the movable carrier (21) to different shifting positions (corresponding to the sprocket wheels (12a-12c) along its movement path, and wherein a cam follower (43) is arranged on a first part (21) of two parts, 21, 32) of the guide system (22) and the carriers (21, 23), which parts are movable relative to

each other, and a cam disc (38) is rotatably mounted on a second part (32) of these parts (21, 32) which are movable relative to each other, and wherein the cam disc (38) is rotatable relative to the second part (32) from the shifter (30) through transmission means (27), & wherein there are provided first slaving springs means (47) so as to keep the cam follower (43) in contact with a cam (44) of the cam disc (38) and thus to move the movable carrier (21) along its movement path during the rotation of the cam disc (3'), characterised in that the cam follower (43) is arranged on a cam follower carrier (42) which is rotatably mounted (at 36) on the first part (21) of the parts (21, 32) and is pretensioned by second slaving springs means (48) to a position relative to the first part (21) which is determined by a stop (45) of the cam follower carrier (42) and a counter-stop (46) of the first part (21).

Comp. Specn. 25 pages. Drgs. 4 sheets.

CLASS 53C. 151577.

Int. Cl. B62m 25/02.

DERAILLEUR MECHANISM ON A BICYCLE.

Applicants: FICHTEL & SACHS AG, OF ERNST-SACHS-STRASSE 62, D-8720 SCHWINFURT, WEST GERMANY.

Inventor: EDUARD BERGLES.

Application No. 821/Cal/80 filed July 17, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A derailleur mechanism on a bicycle or the like, comprising a set (12), which is concentrically connected to a wheel (11) to be driven, of sprocket wheels (12a to 12c), which lie side by side in the axial direction of the wheel and have a varying number of sprockets, and comprising a chain idler wheel (17) and wherein this chain idler wheel (17) is rotatably mounted, with an axis of rotation that is substantially parallel to the wheel axle (10), on a movable carrier (21), and wherein this movable carrier (21) is movably guided by a guide system (22) on a frame-fixed carrier (23) along a movement path that is substantially parallel to the wheel axle (10), and wherein there engages in the guide system (22) a shifting device having transmission means (27) which originate from a shifter (30) so as to set the movable carrier (21) to different shifting positions (corresponding to the sprocket wheel 12a to 12c) along its movement path, and wherein a cam disc (39) is arranged on a first part (33) of two parts (33, 23) of the guide system (22) and the carriers (21, 23), which parts are movable relative to each other, and a cam follower (43) is fitted on a second part (23) of these parts which are movable relative to each other, and wherein the cam disc (39) and the cam follower (43) are displaceable relative to each other from the shifter (30) through the transmission means (27), and wherein there are furthermore provided slaving means (47) so as to keep the cam follower (43) in contact with a cam (44) of the cam disc (39) and thus to move the movable carrier (21) along its movement path during relative movements of the cam disc (39) and the cam follower (43), characterised in that the cam follower (43) is arranged on a cam follower carrier (41) which is rotatably mounted (at 42) on the second part (23) of the parts (33, 23) and is rotatable relative to this part (23) from the shifter (30) by the transmission means (27), and in that the cam disc (39) is fixedly arranged on the first part (33) of the parts (33, 23) during operation.

Comp. Specn 28 pages Drgs. 7 sheets.

CLASS $32F_1+F_{2b}+F2b$ & $55D_2$. 151578.

Int. Cl. C07c 123/00, A01n 9/00,

A PROCESS FOR PREPARING NOVEL HALOACETAMIDINES.

Applicant: STAUFFER CHEMICAL COMPANY, WESTPORT, CONNECTICUT, USA.

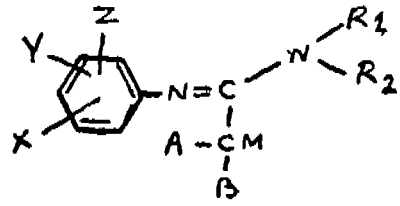
Inventor: EUGENE GORDON TEACH.

Application No. 1260/Cal/80 filed November 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for preparing novel haloacetamidines having the formula shown in Fig 4 of the accompanying drawings



in which A and B are independently selected from hydrogen, fluorine, chlorine, bromine and methyl, provided that at least one of A or B is other than hydrogen; M is hydrogen or methyl;

X is selected from the group consisting of tri-fluoromethyl, lower alkyl having 1 to 3 carbon atoms, inclusive, nitro, chloro, bromo, fluoro, cyano, lower alkoxy having 1 to 3 carbon atoms, inclusive, trifluoromethylthio and 2, 3-dilower-alkyl ureido in which each lower alkyl has from 1 to 2 carbon atoms, inclusive;

Y is selected from the group consisting of hydrogen, lower alkyl having 1 to 3 carbon atoms, inclusive, chloro, fluoro, nitro, trifluoromethyl and lower alkoxy having 1 to 3 carbon atoms, inclusive;

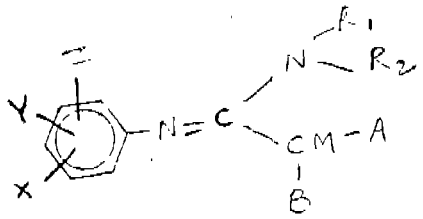
Z is selected from the group consisting of hydrogen and chloro;

R_1 is selected from the group consisting of hydrogen, alkyl having 1 to 6 carbon atoms, inclusive, and allyl;

R_2 is selected from the group consisting of alkyl having 1 to 6 carbon atoms, inclusive, allyl, benzyl, hydroxyethyl, alkynyl having 3 to 4 carbon atoms, inclusive, N-alkylamido in which the alkyl has 1 to 3 carbon atoms, inclusive, alkoxyalkyl having 2 to 6 carbon atoms, inclusive, dialkoxyalkyl having 3 to 6 carbon atoms, inclusive, alkoxy having 1 to 4 carbon atoms, inclusive, cyanoalkyl having 2 to 4 carbon atoms, inclusive, substituted phenyl wherein said substituent is selected from the group trifluormethyl, dichloro and 3, 3-dimethylureido; and

R_1 and R_2 taken together with the nitrogen is selected from the group consisting of alkyl substituted oxazolidyl wherein said oxazolidyl is substituted 1, 2 or 3 time with alkyl having from 1 to 3 carbon atoms, inclusive, morpholinyl, piperidinyl and pyrrolidinyl; which comprises reacting substituted with an axyl chloride to produce substituted anilide, said anilide is chlorinated with phosphorus chloride to prepare substituted phenyl containing imidoyl

chloride, further reacting said imidoyl chloride with a secondary amine to produce substituted acetamidine as illustrated in Fig. 5 of the drawings.



wherein A, B, M, R_1, R_2, X, Y and Z have the same significance as defined above.

Comp. Specn. 66 Pages. Drg. 2 sheets.

CLASS 27I. 151579.

Int. Cl. E04g 25/00.

DITCH SHORING UNIT.

Applicant & Inventor: JOSEF KRINGS OF D 5138 HEINSBERG OBERBRUCH, HANS-BDCKLER-STRASSE 23, WEST GERMANY.

Application No. 141/Cal/81 filed February 7, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

1. A ditch shoring unit comprising:

a horizontal support frame including at least one longitudinal girder having a plurality of spaced-apart, transversely-disposed guide heads mounted thereon;

a plurality of vertically-disposed pile-driving deal boards, each of which has a wave-shaped cross section and a vertically-extended guide channel provided on an inside surface thereof in which an associated guide head of said girder is received for positive locking and sliding reception therein, said deal boards also having a plurality of vertically-superimposed, spaced-apart abutments formed on the inside surface thereof; and

a plurality of locking means mounted on said longitudinal girder for each of said deal boards, each of said locking means including a retractable locking element moveable into and out of the area between two superimposed abutments of an associated deal board for restricting and allowing free movement thereof, respectively.

Comp. Specn. 8 pages. Drg. 3 sheets.

CLASS 98G. 151580.

Int. Cl. F28f 9/00.

AIR MOVING MECHANISM.

Applicants: THE MARLEY COMPANY, 5800 FOX-RIDGE DRIVE, MISSION, KANSAS 66202, UNITED STATES OF AMERICA.

Inventors: SAMUEL WARREN BELL, JR., AND VERNE STANLEY STEVENSON.

Application No. 41/Cal/79 filed January 16, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

Air moving mechanism comprising:

structure defining a restricted, generally circular opening for passage of air there through, said opening, communicating with a plenum zone from which air is to be removed and leading to an area into which the air is to be discharged.

said zone having a cross-sectional area transverse to the flow path of air therethrough which is larger than that of said opening and defined by a non-circular perimeter whereby throttling of the air must occur as it flows from all parts of the zone toward the opening in said structure and ultimate discharge to said area;

means associated with said structure for removing air from said zone, increasing the velocity thereof as it flows toward and through said opening in the structure, and directing such air into the area;

air throttling baffle means adjacent the opening in said structure in spaced relationship therefrom toward the zone and provided with a continuous edge surface defining a non-circular orifice larger than the opening and having an overall shape geometrically similar to that of said perifmeter and through which the air from the zone must pass in flowing toward the opening in said structure, the edge portions of said baffle means being positioned to project into those regions of the zone where the air flow paths toward the opening from any boundary of the zone are non-parallel to the axis of the opening; and

enclosure means operably associated with the structure and said baffle means for preventing area derived air from flowing to said opening without first passing through said zone and thence the orifice in said baffle means,

said orifice defining edge surface of the baffle means being configured and arranged relative to said opening in the structure and the baffle means being positioned with respect to the opening in the structure in a location to cause air removed from said boundaries of the zone to follow non-linear transition paths between the baffle means and said opening which bary in angularity relatively to an extent that such boundary derived air not only assumes a generally circular pattern conforming to and substantially fills the opening as the air flows into the structure and is directed through the latter to said area but also enters the opening in generally parallel relationship to the axis thereof.

Comp. Specn. 33 pages. Drgs. 3 sheets.

CLASS 39C, 40H, 88D & 88F. 151581.

Int. Cl. B01d 53/22.

PROCESS FOR SEPARATING GAS FROM GASEOUS FEED MIXTURE.

Applicants: MONSANTO COMPANY, RESIDING AT 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

Inventors: TOMMY EDWIN GRAHAM AND DONALD LEWIS GAGE MACLEAN.

Application No. 210/Cal/79 filed March 6, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for separating at least one gas from a gaseous feed mixture containing at least one other gas comprising passing the gaseous feed mixture to at least two permeator stages in series, each permeator stage comprising a separation membrane exhibiting selectivity to the permeability of said at least one gas as compared to the permeability of said at least one other gas in the gaseous feed mixture and having a feed side and a permeate exit side in which the permeate exit side is at a lower total pressure than the total pressure on the feed side, wherein between permeator states, the non-permeating gas from the feed side of one permeator stage is passed to the feed side of the next permeator stage characterized in that at least one permeator stage has a lower ratio of total pressure on the feed side to total pressure on the permeate exit side than the ratio of total pressure on the feed side to total pressure on the permeate exit side of at least one subsequent permeator stage, and the total pressure on said permeate exit side of said at least one subsequent

permeator stage is lower than the total pressure on said permeate exit side of said at least one permeator stage.

Comp. Specn. 37 Pages. Drgs. 2 sheets.

CLASS : 205G. 151582

Int. Cl. : B60c 19/00, 23/00.

A TIRE COMPONENT SERVICER.

Applicant : NRM CORPORATION OF 3200 GILCHRIST ROAD, P.O. BOX 6338, AKRON, OHIO-44312, U.S.A.

Inventor : GEORGE EUGENE ENDERS.

Application No. 346/Cal/79 filed March 14, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims.

A tire component servicer including means to convey the component to an air flotation tray, centering guide means on said air flotation tray, said guide means comprising component edge contacting means, and substantially constant force spring motor means urging said edge contacting means uniformly symmetrically toward the center line of said tray.

Comp. Specn. 24 pages. Drgs. 6 sheets.

CLASS : 107. 151583

Int. Cl. : F02m 49/00.

FUEL INJECTION PUMP FOR INTERNAL COMBUSTION ENGINES.

Applicants : ROBERT BOSCH GMBH. OF POSTFACH 50, 7000 STUTTGART 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : WALTER HAFELE AND BERNHARD SCHENK.

Application No. 512/Cal/79 filed May 17, 1979.

Convention date May 17, 1978/(20021/78) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Fuel injection pump for an internal combustion engine, having a cylindrical sleeve which is secured in a reception bore therefor in a housing of the pump and has a bore therein containing a rotatably movable reciprocating pump piston which has an oblique control edge for varying the fuel delivery rate of the piston, said edge cooperating with at least one control bore establishing communication between a suction chamber and the bore of the cylindrical sleeve, said cylindrical sleeve having an enlarged diameter top portion which includes the control bore and is clamped against either a shoulder in the reception bore or against a body abutting the said shoulder by means of an annular screw, wherein the annular screw, in a portion surrounding at least a part of the top portion of the cylindrical sleeve, has an internal annular shoulder which is set back from an end face of the screw in or adjoining the suction chamber, and which transmits the clamping force to the cylindrical sleeve.

Comp. Specn. 10 pages. Drgs. 1 sheet.

CLASS : 129B. 151584

Int. Cl. : B21c 1/00, 23/0.

IMPROVEMENTS IN OR RELATING TO THE PROCESS FOR COLD WORKING METALLIC WORK MATERIAL.

Applicants : AKADEMIE DER WISSENSCHAFTEN DER DDR. OF DDR- 1199 BERLIN, RUDOWER CHAUSSFE 5, GERMAN DEMOCRATIC REPUBLIC.

Inventor : HARRI WEINHOLD, HEINZ RUDIGER VOGEL, BERNHARD KURZE & GERHARD KOOH SCHMIED.

Application No. 730/Cal/79 filed July 16, 1979.

Convention date June 7, 1979/(79889/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Improvements in or relating to the process for cold working metallic work material with high tensile strength which comprises subjecting the metallic material to the step of cold working using necessary tools in a conventional manner in the presence of a lubricating agent having high dynamic viscosity characterised in that said lubricating agent comprises at least one organic solvant having boiling point of or less than 200°C and selected from benzene, trichloroethylene, chlorofluoro-hydrocarbons, fluorobromohydrocarbons, chlorobromofluorohydrocarbons and trifluoroacetone containing calcium stearate or zinc stearate as lubricant which lubricant can optionally include at least one cationic, anionic, amphoteric and/or non-ionic tenside and is applied homogeneously in liquid state on the surface of the said work material and/or drawing die.

Comp. Specn. 14 pages. Drg. Nil.

CLASS : 39C & 123. 151585

Int. Cl. C01c 1/28.

PROCESS FOR THE PRODUCTION OF AMONIUM POLYPHOSPHATE AND APPARATUS THEREFOR.

Applicants : ANIC S.p.A., OF VIA MSTABILE 216, PALERMO, ITALY.

Inventors : LUIGI CARLO ALIBERTI AND GAETANO CALICCHIO.

Application No. 807/Cal/79 filed August 3, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A process for the production of ammonium polyphosphates starting from ammonia and phosphoric acid, comprising the step of reacting ammonia and phosphoric acid in a reaction chamber and discharging the product thus obtained from said reaction chmaber, characterized in that phosphoric acid is introduced in an atomized condition into the fed-in ammonia, or separately in the reaction zone, the phosphoric acid is reacted with ammonia in the reaction zone under a pressure of from 1.1. to 6 atm and at a temperature of from 200°C to 340°C, the reaction product being discharged by expansion through a restricted passage, said passage being preferably positioned on a sidewall of the reaction zone on the side opposite to that of the points of feed of phosphoric acid and ammonia.

Comp. Specn. 14 pages. Drg. Nil.

CLASS : 33A & 129J. 151586

Int. Cl. : B21b 1/44 & B22d 11/06.

PROCESS FOR PREPARING LOW EARING ALUMINIUM ALLOY STRIP.

Applicants : SWISS ALUMINIUM LTD. OF CHIPPIS (CANTON OF VALAIS), SWITZERLAND.

Inventors : IVAN GYOENGYOES, KURT BUXMANN, MARTIN BOLLIGER, WILLI KERTH & KURT NEUFELD.

Application No. 815/Cal/79 filed August 4, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A multi-stepped process for fabricating high strength improved formability, low earing aluminium alloy strip stock

from an aluminium alloy melt such as herein described, characterized by comprising the steps of :

(a) continuously casting said aluminium alloy melt in strip form and holding said cast strip at casting speed after the start of solidification at a temperature between 400°C and the liquidus temperature of the alloy for 2 to 15 minutes so as to obtain a dendritic arm spacing in the region of the surface of the as-cast strip from 2 to 25/um, and a dendritic arm spacing in the centre of the strip from 20 to 120/um;

(b) continuously hot rolling the cast strip at casting speed in a temperature range between 300°C and the non-equilibrium solidus tmperature of the alloy to a total reduction of at least 70%; and

(c) hot coiling said hot rolled strip whereupon said coiled strip is allowed to cool in air to room temperature prior to further working, and optionally

(d) cold rolling said hot rolled strip in a first series of passes to an intermediate gauge;

(e) flash annealing said cold rolled strip for not more than 90 seconds at a temperature of from 350°C to 500°C; and

(f) cold rolling said flash annealed strip in a second series of passes to final gauge.

Comp. Specn. 24 pages. Drg.1.

CLASS : 167. 151587

Int. Cl. : B07b 1/04, 1/02.

METHOD FOR THE PRODUCTION OF A PERFORATED BOTTOM OR SCREEN WITH PARALLEL SCREEN ELEMENTS.

Applicants : HEIN, LEHMANN A. G., OF D-4000 DUSSLDORF. FICHTENSTRASSE 75, FEDERAL REPUBLIC OF GERMANY.

Inventors : KURT HOPPE, HORST KRUGER & WILFRIED ODENDAHL.

Application No. 903/Cal/79 filed August 29, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A method for the production of a perforated bottom or screen with parallel screen elements forming screen openings between them, which elements are connected with one another through cross connecting members made of thermoplastic material, with the screen elements being placed in position first and thereafter the one piece cross connecting member is applied upon the same, characterised by that at least one of the cross connecting member (4) is placed upon the screen elements at a time when the screen elements (3) are heated in the region of the cross conecting member (4) which are pressed unilaterally upon the screen elements until such time as the heated screen elements (3) cut into the plastic material and the plastic material closes with the screen elements (3).

Comp. Specn. 14 pages. Drg. 1 sheet.

CLASS : 129M. 151588

Int. Cl. : B23d 31/00.

SHEARS AND/OR PUNCHES.

Applicants : MUHR UND BENDER, OF KOLNER STRASSE 99, 5952 ATTENDORN, FEDERAL REPUBLIC OF GERMANY.

Inventors : RICHARD MUHR, WERNER SCHRODER & ERWIN BOHMER.

Application No. 931/Cal/79 filed September 6, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Shears and/or punches comprising a machine frame having two frame plates, with a movable working slide supported between the frame plates of the machine frame, and a hydraulic driving unit, in which the hydraulic driving unit has an operating cylinder, an operating piston sliding in the operating cylinder, and a piston rod connecting the operating piston to the working slide, the piston rod of the hydraulic driving unit having at least one slot towards its end facing the working slide, whereby the end of the piston rod facing the working slide is of head-shaped construction, and the working slide being provided, at its end facing the hydraulic driving unit, with a recess fitting the end of the piston rod, whereby to separate the hydraulic driving unit from the working slide, the end of the piston rod of the hydraulic driving unit can be withdrawn sideways out of the recess in the working slide.

Comp. Specn. 12 pages. Drg. 2 sheets.

CLASS : $55E_2$&, $60X_{21}$. 151589

Int. Cl. : A61k 23/00, 27/00.

A METHOD FOR PRODUCING POLYPEPTIDES HAVING THE ANTIGENICITY OF HEPATITIS B VIRAL ANTIGENS.

Applicants : BIOGEN N. V., OF 24 HANDELSKADE, WILLEMSTAD, CURACAO, NETHERLANDS ANTILLES.

Inventors : KENNETH MURRAY AND HEINZ SCHALLER.

Application No. 1328/Cal/79 filed December 20, 1979.

Convention dates December 22, 1978, December 27, 1978 & November 1, 1979/(49907/78, 50039/78 & 37910/79) U.K., U.K. & U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A method for producing at least one polypeptide having the antigenicity of an HBV antigen characterized by the steps of culturing a host transformed with a recombinant DNA molecule such as herein described comprising a DNA sequence coding for at least one polypeptide with the antigenicity of an HBV antigen operatively linked therein to an expression control sequence; and collecting in a known manner said polypeptide.

Comp. Specn. 43 pages. Drgs. 12 sheets.

PATENTS SEALED

149904 149959 150021 150232 150397 150406 150421 150437
150438 150443 150449 150452 150453 150455 150457 150458
150465 150469 150473 150475 150476

RENEWAL FEES PAID

113745 113856 115937 116245 117940 121188 121334 121345
121400 121645 121673 121881 126624 126639 126815 129425
131158 131215 131312 131328 131330 131405 131480 135323
135784 136142 137120 137260 137620 137631 138015 138022
138046 138353 138370 138639 138686 139001 139072 139189
139231 139685 139913 140022 140052 140131 140413 140966
141027 141134 141324 141354 141372 141734 141852 142009
142081 142130 142147 142166 142317 142330 142451 142525
142599 142678 142829 142830 142951 142952 142953 142954
143002 143032 143165 143397 143469 143484 143562 143571
143710 143775 143834 143896 143909 144077 144444 144564
144737 145059 145199 145280 145355 145428 145535 145672
145711 145958 146077 146334 146339 146351 146361 146362
146446 146518 146525 146614 146616 146659 146756 146771
146901 146931 146946 147142 147237 147279 147352 147515
147556 147681 147687 147689 147712 147764 147779 147831
147878 147879 148034 148080 148100 148119 148220 148231
148281 148315 148327 148361 148428 148531 148539 148588
148693 148706 148742 148751 149223 149386 149397 149399
149470 149589 149592 149597 149701 149814 149833 149850
149854 149882 149928 149961 149962 149991 150027 150106
150121 150122 150124

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 147998 granted to Jyoti Limited for an invention relating to "improvements in or relating to air break contactors".

The patent ceased on the 25th April, 1982 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th April, 1983.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 28th July, 1983, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 147306 granted to Mahadeo Eshwar-Rao Tatooskar for an invention relating to "an improved bread slicing machine".

The patent ceased on the 27th April, 1982 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th April, 1983.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 28th July, 1983, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 148984 granted to Guest-Keen Williams Limited for an invention relating to "a device for producing intermittent motion".

The patent ceased on the 22nd April, 1982 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th April, 1983.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 28th July, 1983, under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 152652. Purolator India Limiter, 1 Sri Aurobindo Marg, New Delhi-110 016, India, an Indian Company. "Filter". 6th January, 1983.

Class 3. No. 152404. Kishori Lal Sharma, Continental Trading Corporation, 25/A, Park Street, Room No. 117, 1st Floor, Calcutta-16, West Bengal, India, an Indian National." "Casette Container". 23rd October, 1982.

Class 3. No. 152363. Tool-Mint Engineers, 13, Mistry Industrial Complex, MIDC Cross Road "A", of Mahakali Road, Andheri (East) Bombay-400093, State of Maharashtra, an Indian sole Proprietor Firm. "Safety Reflector". 11th October, 1982.

Class 3. No. 152364. Tool-Mint Engineers, 13, Mistry Industrial Complex, MIDC Cross Road "A", of Mahakali Road, Andheri (East) Bombay-400093, State of Maharashtra, an Indian Sole Proprietory Firm. "Safety Reflector". 11th October, 1982.

Class 3. No. 152657. Newell Advertising Products, a Sole-Proprietory concern, of Dawawala Compound, Erla Lane, Dadabhoy Cross Road No. 3, Vile Parle (West), Bombay-400 056, Maharashtra State. "Bottle Openers". 10th January, 1983.

Class 3. No. 152391. SP BP Tea Industries Pvt. Ltd., of 20, British Indian Street, Calcutta-700 069, West Bengal, India, an Indian Company. "Tube". 21st October, 1982.

Class 3. No. 152689. Kalyanji Devraj Shah, An Indian Citizen, A-2 Ashok Samrat, Daftary Road, Malad East, Bombay-400 064, Maharashtra, India. "A Cigarette Filter". 19th January, 1983.

EXTENSION OF COPYRIGHT FOR THE SECOND PERIOD OF FIVE YEARS

Nos. 148675, 148062, 147807, 147550, 147381, 1483382, 147383. Class-1.
Nos. 147549, 147384, 147385, 147386. Class-3.
No. 147085. Class-4.

EXTENSION OF COPYRIGHT FOR THE THIRD PERIOD OF FIVE YEARS

No. 148062. Class-1.

DR. K. V. SWAMINATHAN,
Controller General of Patents,
Designs and Trade Marks.

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1983